

Cel-004
SEQUENCE LISTING

EXPRESS MAIL MAILING LABEL

No. 280660447 US

<110> GARDNER, Timothy

<120> Multi-State Genetic Oscillator

<130> CEL-004

<150> PCT/US99/28592

<151> 1999-12-01

<150> US 60/110,616

<151> 1998-12-02

<160> 12

<170> PatentIn version 3.0

<210> 1

<211> 90

<212> DNA

<213> Artificial

<220>

<223> Promoter Ptrc-2

<400> 1

ccatcgaatg gctgaaatga gctgttgaca attaatcatc cggctcgtat aatgtgtgga
60

attgtgagcg gataacaatt tcacacagga
90

<210> 2

<211> 102

<212> DNA

<213> Artificial

<220>

<223> Promoter PL-s1con

<400> 2

gcatgcacag ataaccatct gcggtgataa attatctctg gcggtgttga cataaatacc
60

actggcggtt ataatgagca catcagcagg gtatgcaaag ga
02

1

<210> 3

<211> 84

<212> DNA
<213> Artificial

<220>
<223> Promoter Pltet0-1

<400> 3
gcatgctccc tatcagtgat agagattgac atccctatca gtgatagaga tactgagcac
60

atcagcagga cgcactgacc agga
84

<210> 4
<211> 15
<212> DNA
<213> Artificial

<220>
<223> Ribosome Binding Site A

<400> 4
aggaggaaaa aaatg
15

<210> 5
<211> 13
<212> DNA
<213> Artificial

<220>
<223> Ribosome Binding Site B

<400> 5
aggaatttaa atg
13

<210> 6
<211> 15
<212> DNA
<213> Artificial

<220>
<223> Ribosome Binding Site C

<400> 6
aggaaacaga ccatg
15

<210> 7
 <211> 17
 <212> DNA
 <213> Artificial

<220>
 <223> Ribosome Binding Site D

<400> 7
 aggaaaccgg ttcgatg
 17

<210> 8
 <211> 15
 <212> DNA
 <213> Artificial

<220>
 <223> Ribosome Binding Site E

<400> 8
 aggaaaccgg ttatg
 15

<210> 9
 <211> 14
 <212> DNA
 <213> Artificial

<220>
 <223> Ribosome Binding Site F

<400> 9
 aggacggttc gatg
 14

<210> 10
 <211> 16
 <212> DNA
 <213> Artificial

<220>
 <223> Ribosome Binding Site G

<400> 10
 aggaaaggcc tcgatg
 16

FOR "SECRET" 2000

<220>
<223> Ribosome Binding Site H

```
<210> 12
<211> 146
<212> DNA
<213> Artificial
```

```
<400> 12
gcgtcacact ttgctatgcc atagcatttt tatccataag attagcggat cctacctgac
60
```

ataacaattt cacacaggaa accggt 1
46